

Republic of the Philippines **DEPARTMENT OF SCIENCE AND TECHNOLOGY Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)** Weather Division



# **TROPICAL CYCLONE ADVISORY NO. 3**

## Tropical Depression

Issued at 11:00 PM, 11 October 2022 Valid for broadcast until the next advisory at 11:00 AM tomorrow

#### THE TROPICAL DEPRESSION CONTINUES TO MAINTAIN ITS STRENGTH AS IT MOVES NORTHWARD 120\*1 125°E 130°E 135°E 140°E 145°E 150°E Location of Center (10:00 PM) rack and Intensity Forecast of Tropical Depression (Outside PAR N.0 The center of the Tropical Depression was estimated 16 Oct. 2022 (Sun.) based on all available data at 2,140 km East of 8PM 15 Oct. 2022 (Sat.) Southeastern Luzon (15.4°N, 141.6°E) 8PM 14 Oct. 2022 (Fri.) 25°N 5°N 8AM 14 Oct. 2022 (Fri.) Intensity 8PM 13 Oct. 2022 (Thu.) Maximum sustained winds of 45 km/h near the center, Ó 20°N N<sup>c</sup>O gustiness of up to 55 km/h, and central pressure of 1006 hPa 8AM 13 Oct. 2022 (Thu. **Present Movement** 15°N N-5 8PM 12 Oct. 2022 (Wed Ó Northward at 20 km/h 8AM 12 Oct. 2022 (Wed.) evere Tropi aical Storr 8PM 11 Oct. 2022:(Tue. N.01 cal De **Extent of Tropical Cyclone Winds** Strong winds extend outwards up to 140 km from the O′ h al least strong 19h, 22 kl or high center 30°6 150° ent d d ) 0

	TRACK AND INTENSITY FORECAST						
	Date and Time	Center Position			Intensity		Movement
		Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	dir. and speed (km/h)
	<b>12-Hour Forecast</b> 8:00 AM 12 October 2022	16.3	142.2	2,145 km East of Central Luzon (Outside the PAR)	45	TD	NNE 10
	<b>24-Hour Forecast</b> 8:00 PM 12 October 2022	17.8	142.0	2,145 km East of Northern Luzon (Outside the PAR)	45	TD	N 15
	<b>36-Hour Forecast</b> 8:00 AM 13 October 2022	19.9	140.0	1,885 km East of Extreme Northern Luzon (Outside the PAR)	55	TD	NW 25
	<b>48-Hour Forecast</b> 8:00 PM 13 October 2022	21.1	136.0	1,460 km East of Extreme Northern Luzon (Outside the PAR)	55	TD	WNW 35
	<b>60-Hour Forecast</b> 8:00 AM 14 October 2022	20.8	132.7	1,120 km East of Extreme Northern Luzon	65	TS	W 30
	<b>72-Hour Forecast</b> 8:00 PM 14 October 2022	20.8	130.9	930 km East of Extreme Northern Luzon	65	TS	W15
	<b>96-Hour Forecast</b> 8:00 PM 15 October 2022	20.8	127.2	545 km East of Basco, Batanes	75	TS	W 15
	120-Hour Forecast 8:00 PM	21.2	123.3	160 km East Northeast of Basco, Batanes	75	TS	W 15

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16 October 2022

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Checked by: SFD



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#### GENERAL OUTLOOK FOR THE FORECAST PERIOD

- The Tropical Depression is forecast to decelerate as it moves generally north northeastward in the next 12 hours before turning northward to northwestward while gaining speed. On the track forecast, the Tropical Depression may enter the PAR region on Thursday (13 October) morning or afternoon. Afterwards, the tropical cyclone will move generally westward towards Extreme Northern Luzon.
- This tropical cyclone may intensify over the Philippine Sea and may reach tropical storm category by Thursday. Further intensification is not ruled out.
- Current track and intensity forecast shows that there is a high likelihood that Tropical Cyclone Wind Signals will be hoisted over Batanes and several provinces in Northern Luzon. The highest possible wind signal that may be hoisted is TCWS #2.
- The passage of this tropical cyclone over Extreme Northern Luzon may bring heavy rainfall over the area beginning Saturday (15 October). Furthermore, the tropical cyclone may also bring rough to very rough seas over the northern and eastern seaboards of Luzon beginning late Friday (14 October) or Saturday. Such condition may be risky for those using small seacrafts. Mariners are advised to continue monitoring for updates.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to continue monitoring for updates related to this tropical cyclone.

Unless an intermediate advisory or initial tropical cyclone bulletin is released, the next tropical cyclone advisory will be issued at 11:00 AM tomorrow.

DOST-PAGASA

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